

REMARKS

This Response is submitted in reply to the Office Action dated June 9, 2010. Claims 12-17 and 19-22 are currently pending. Claim 12 is the only pending independent claim and is hereby amended. Please charge deposit account 02-1818 for all fees due in connection with this Response.

The Office Action objected to claims 1 and 19-21 because of certain antecedent basis formalities. Appropriate correction is hereby made.

The Office Action rejected claim 12 under 35 U.S.C. §102(b) as anticipated by Nagumo (U.S. Patent No. 6,657,593). Applicants respectfully disagree with, and traverses, such rejections.

Independent claim 12 recites, among other elements, "wherein at least one of said plurality of parasitic transmitters includes a first portion that extends in a first dimension in the plane and a second portion that extends in a second different dimension in the plane, wherein the first portion at least partially extends over a first adjacent side of the planar patch antenna, and the second portion at least partially extends over a second different adjacent side of the planar patch antenna."

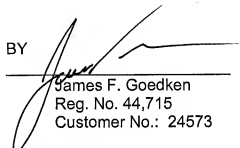
Nagumo fails to teach this feature. Nagumo teaches that each non-fed radiation electrode 4 may extend in more than one different dimension in the plane. However, these "additional" extensions do not extend over additional sides of the fed radiation electrode 3. The Office Action indicates that 4a of Fig. 5 extends in two dimensions (i.e., the line includes a thickness). However these two "portions" of Nagumo do not extend over two different adjacent sides of the planar patch antenna 3 as presently claimed.

Each of the other pending claims depends directly or indirectly from independent claim 12. Therefore, for the reasons provided above, Applicants submit that all of the pending claims are in condition for allowance.

In view of the above, Applicants submit that this application is in condition for allowance. An indication of the same is solicited. The Commissioner is hereby authorized to charge deposit account 02-1818 for any fees which are due and owing, referencing Attorney Docket No. 3717483-035.

Respectfully submitted,
K&L GATES LLP

BY



James F. Goedken
Reg. No. 44,715
Customer No.: 24573

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